CSIR - Soil Research Institute (SRI)
Soil Testing Laboratory (STL)
SOIL TEST REPORT

TESTREPORT No: CSIR/SRI/STL/TRN/2025

Issue Date: 15-09-2025

CLIENT DETAILS
Company Name: INVESS COMPANY LTD
Contact:

Sample Type: Soil, Plant and Fertilizer
Number of samples: 12
Sample condition: Dry

Date of receipt of samples: 02 -09-2025
Test performance date: 11-09-2025

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TEST RESULTS (CHEMICAL PROPERTIES)

Sample ID		Method: GLOSOLAN-SOP Parameter: pH		Method: GLOSOLAN-SOP-07 Parameter: E.C (uS)		Method: GLOSOLAN-SOP-02 Parameter: Org. Matter %		Method: GLOSOLAN-SOP-14 Parameter: Total Nitrogen (%)		Method: GLOSOLAN-SOP-09 Parameter: Avail. Phosphorus (ppm)	
Label	***Unique No***	**Results**	**Ratings**	**Results**	**Ratings**	**Results**	**Ratings**	**Results**	**Ratings**	**Results**	**Ratings**
NO TILL	001	5.87	Slightly Acidic	394.00	Non-Saline	2.06	Medium	0.12	Medium	14.41	Medium
INUSAH 1	002	5.30	Acidic	404.00	Non-Saline	1.34	Low	0.08	Low	9.09	Low
INUSAH 2	003	5.15	Acidic	393.00	Non-Saline	1.50	Low	0.09	Low	6.25	Low
INUSAH 3	004	5.12	Acidic	399.00	Non-Saline	1.50	Low	0.10	Low	10.79	Low
ARAFAT 1	005	4.99	Very Acidic	394.00	Non-Saline	0.77	Low	0.05	Low	6.11	Low
SUBUUR 1	006	5.02	Acidic	439.00	Non-Saline	1.03	Low	0.07	Low	10.15	Low
ARAFAT 2	007	5.22	Acidic	411.00	Non-Saline	1.14	Low	0.08	Low	3.83	Low
SUBUUR 2	008	4.92	Very Acidic	648.00	Non-Saline	1.08	Low	0.07	Low	8.02	Low
Uncertainty (±)		**0.036**		**0.021**		**0.057**		**0.010**		**0.370**	

All values are calculated on dry-basis

PRIVATE MAIL BAG
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TEST RESULTS (CHEMICAL PROPERTIES)

SAMPLE ID		METHOD: AMMONIUM ACETATE @ pH7								Method: 1M KCl	
		EXCHANGEABLE BASES Unit: (meq/100g)								EXCHA. ACIDITY	
		Parameter: Calcium		Parameter: Magnesium		Parameter: Potassium		Parameter: Sodium		Parameter: (H+Al)	
Label	**Unique No.**	**Results**	**Ratings**	**Results**	**Ratings**	**Results**	**Ratings**	**Results**	**Ratings**	**Results**	**Ratings**
NO TILL	001	1.09	Low	1.00	Low	0.12	Low	0.02	Low	0.55	High
INUSAH 1	002	0.73	Low	0.55	Low	0.08	Low	0.02	Low	0.60	High
INUSAH 2)	003	0.70	Low	0.51	Low	0.08	Low	0.01	Low	0.65	High
INUSAH 3	004	0.66	Low	0.73	Low	0.07	Low	0.01	Low	0.65	High
ARAFAT 1	005	0.41	Low	0.26	Low	0.04	Low	0.01	Low	1.05	Very High
SUBUUR 1	006	1.15	Low	0.64	Low	0.08	Low	0.01	Low	0.70	High
ARAFAT 2	007	0.47	Low	0.32	Low	0.04	Low	0.01	Low	0.65	High
SUBUUR 2	008	0.62	Low	0.28	Low	0.03	Low	0.01	Low	1.00	Very High
Uncertainty (±)		0.180		0.240		0.380		0.004		0.18	

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CSIR - Soil Research Institute (SRI)
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SOIL TEST REPORT

TESTREPORT No: CSIR/SRI/STL/TRN/2025

Issue Date: 10-09-2029

CLIENT DETAILS
Company Name: INVESS COMPANY LTD
Contact:

Sample Type: Soil, Plant and Fertilizer
Number of samples: 12
Sample condition: Dry

Date of receipt of samples: 12 -02-2025
Test performance date: 02-09-2025

TEST RESULTS (CHEMICAL PROPERTIES)						TEST RESULTS (PHYSICAL PROPERTIES)			
SAMPLE ID		METHOD: AMMONIUM ACETATE @ pH7				Method: *Bouyoucos Hydrometer*			
		Parameter: CEC *Unit: m.eq (100g)*		Parameter: ECEC *Unit: m.eq (100g)*		% Sand	% Silt	% Clay	Texture
Label	Unique No	Results	Ratings	Results	Ratings	Results	Results	Results	Results
NO TILL	001	2.23	Low	2.78	Low	74.00	17.80	8.20	Sandy loam
INUSAH 1	002	1.38	Low	1.98	Low	84.00	10.80	5.20	loamy Sand
INUSAH 2	003	1.31	Low	1.96	Low	80.00	11.80	8.20	loamy Sand
INUSAH 3	004	1.47	Low	2.12	Low	82.00	11.80	6.20	loamy Sand
ARAFAT 1	005	0.72	Low	1.77	Low	82.00	12.80	5.20	loamy Sand
SUBUUR 1	006	1.88	Low	2.58	Low	88.00	6.80	5.20	loamy Sand
ARAFAT 2	007	0.84	Low	1.49	Low	80.00	14.80	5.20	loamy Sand
SUBUUR 2	008	0.94	Low	1.94	Low	84.00	10.80	5.20	loamy Sand
Uncertainty (±)		**0.050**		**0.090**		**1.250**	**0.260**	**0.210**	

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SOIL TEST REPORT

TESTREPORT No: CSIR/SRI/STL/TRN/2025

Issue Date: 15-09-2025

CLIENT DETAILS
Company Name: INVESS COMPANY LTD
Contact:

Sample Type: Soil, Plant and Fertilizer
Number of samples: 12
Sample condition: Dry

Date of receipt of samples: 02 -09-2025
Test performance date: 11-09-2025

Sample ID		***Method:*** *Base Saturation* *Unit: %*		***Method:*** *Sulphate* *Unit: mg/kg*	
Label	***Unique No.***	***Results***	***Ratings***	***Results***	***Ratings***
NO TILL	***001***	80.22	***High***	15.96	***Medium***
INUSAH 1	***002***	69.70	***Medium***	7.42	***Low***
IN*U*SAH 2	***003***	66.77	***Medium***	8.39	***Low***
IN*U*SAH 3	***004***	66.29	***Medium***	2.23	**Low**
ARAFAT 1	***005***	40.52	***Low***	11.24	**Medium**
*SUBUU*R 1	***006***	72.89	***High***	14.10	***Medium***
ARAFAT 2	***007***	56.36	***Medium***	13.80	***Medium***
*SUBUU*R 2	***008***	48.35	***Low***	11.59	***Medium***
Uncertainty (±)		***13.40***		***4.44***	

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ACCREDITED
CERTIFICATE NUMBER: 6642.01
TO pH , LEAD AND CADMIUM ONLY

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SOIL TEST REPORT

TESTREPORT No: CSIR/SRI/STL/TRN/2025

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CLIENT DETAILS
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Contact:

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Sample condition: Dry

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PLANT

TEST RESULTS (CHEMICAL PROPERTIES)

Sample ID		*Method: P Unit: %*		*Method: SO_4 Unit: mg/kg*		*Method: N Unit: %*		*Method: K Unit; %*		*Method: Mg Unit: %*			
Label	*Unique No.*	*Results*	*Ratings*	*Results*	*Ratings*	*Results*	*Ratings*	*Results*	*Ratings*	*Results*	*Ratings*		
INUSAH	*001*	0.14	*Low*	620.05	*Low*	0.12	*Low*	0.29	*Low*	0.14	*Low*		
SUBUUR	*002*	0.15	*Low*	730.59	*Low*	0.11	*Low*	0.42	*Low*	0.13	*Low*		
ARAFAT	*003*	0.13	*Low*	1349.62	*Low*	0.15	*Low*	0.31	*Low*	0.11	*Low*		
Uncertainty (±)		*0.010*		*389.048*		*0.021*		*0.057*		*0.010*			

FERTILIZER

Sample ID		*Method: P Unit: %*		*Method: SO_4 Unit: mg/kg*		*Method: N Unit: %*		*Method: K Unit; %*		*Method: Mg Unit: %*			
Label	*Unique No.*	*Results*	*Ratings*	*Results*	*Ratings*	*Results*	*Ratings*	*Results*	*Ratings*	*Results*	*Ratings*		
NPK 23 - 10 - 5 + S + MgO	*001*	10.06	*High*	1060.43	*Moderate*	22.73	*High*	5.07	*Low*	5.06	*High*		
NPK 23 - 10 - 5 + S + MgO	*002*	10.09	*High*	1012.23	*Moderate*	22.75	*High*	5.09	*Low*	6.41	*High*		
Uncertainty (±)		*0.198*		*34.082*		*0.021*		*0.057*		*0.952*			

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Disclaimer: The issued results relate only to the sample received and tested. This report shall not be reproduced except in full without the approval of the Soil Research Institute.

Signed

Name and Position: Mr. Sadick Adams
Head of Division
Senior Research Scientist

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